PAMS Technical Documentation
NSM–5 Series Transceivers

Part lists DF7

Issue 1 02/2002
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Parts list of DF7 (EDMS Issue x.x) Layout 06 Code: 0201783 . 3

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Parts list of DF7 (EDMS Issue x.x) Layout 06 Code: 0201783

ITEM	CODE	LOCATION	VALUE		DESCRIPTION
B100	4510219	Top	L 5	32.768kHz~	CRYSTAL 32.768KHZ+–30PPM 9PF
B301	5140211	Bottom	B 7	~ ~	BUZZER 85DB 3KHZ 3.0V 10.4X8.7X3.1
C101	2320548	Top	K 5	33p 50V	Chipcap 5% NP0
C102	2320538	Top	L 4	12p 50V	Chipcap 5% NP0
C103	2312411	Top	O 5	1u0 25V	CHIPCAP X5R 1U0 M 25V 1206
C104	2320783	Top	O 7	33n 10V	CHIPCAP X7R 33N K 10V 0402
C105	2312227	Top	N 6	4u7 10V	CHIPCAP Y5V 4U7 Z 10V 0805
C106	2320481	Top	I 4	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C107	2320481	Top	L 6	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C108	2312401	Top	J 3	1u0 10V	CHIPCAP X5R 1U0 10V 0805
C109	2320544	Top	O 7	22p 50V	Chipcap 5% NP0
C110	2320544	Top	P 7	22p 50V	Chipcap 5% NP0
C113	2320508	Top	K 4	1p0 50V	Chipcap +–0.25pF NP0
C114	2320546	Top	O 5	27p 50V	Chipcap 5% NP0
C116	2312401	Top	L 6	1u0 10V	CHIPCAP X5R 1U0 10V 0805
C119	2320481	Top	O 4	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C120	2320778	Top	L 5	10n 16V	Chipcap X7R 10% 16V 0402
C121	2320778	Top	M 6	10n 16V	Chipcap X7R 10% 16V 0402
C127	2320805	Top	O 3	100n 10V	CHIPCAP X5R 100N K 10V 0402
C128	2312401	Top	O 4	1u0 10V	CHIPCAP X5R 1U0 10V 0805
C129	2312401	Top	I 6	1u0 10V	CHIPCAP X5R 1U0 10V 0805
C131	2611719	Top	K 3	10u_10V 10V	CHIPTCAP 10U M 10V 2.0X1.35X1.35
C132	2611741	Top	K 4	4u7_10V 10V	CHIPTCAP 4U7 M 10V 2.0X1.3X1.2
C133	2320481	Top	I 4	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C140	2320481	Top	K 6	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C142	2312227	Top	O 7	4u7 10V	CHIPCAP Y5V 4U7 Z 10V 0805
C150	2320481	Top	I 5	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C151	2320481	Top	I 5	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C152	2320481	Top	I 3	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C153	2320481	Top	I 4	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C154	2320481	Top	I 5	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C160	2320546	Top	M 6	27p 50V	Chipcap 5% NP0
C161	2320546	Top	K 6	27p 50V	Chipcap 5% NP0
C162	2320540	Top	C 5	15p 50V	Chipcap 5% NP0
C163	2320540	Top	C 5	15p 50V	Chipcap 5% NP0
C165	2611737	Top	I 7	68u_16V 16V	CHIPTCAP 68U M 16V 7.3X4.3X2.0
C201	2320783	Top	O 4	33n 10V	CHIPCAP X7R 33N K 10V 0402
C203	2320778	Top	N 5	10n 16V	Chipcap X7R 10% 16V 0402
C204	2320778	Top	L 3	10n 16V	Chipcap X7R 10% 16V 0402
C205	2610203	Top	L 2	2u2_10V 10V	CHIPTCAP 2U2 M 10V 2.0X1.3X1.2
C206	2320778	Top	M 2	10n 16V	Chipcap X7R 10% 16V 0402
C208	2320778	Top	L 4	10n 16V	Chipcap X7R 10% 16V 0402
C209	2320778	Top	N 2	10n 16V	Chipcap X7R 10% 16V 0402
C211	2320783	Top	O 3	33n 10V	CHIPCAP X7R 33N K 10V 0402
C212	2320779	Top	O 1	100n 16V	CHIPCAP X7R 100N K 16V 0603
C213	2320744	Top	O 3	1n0 50V	Chipcap X7R 10% 50V 0402
C217	2320778	Top	O 2	10n 16V	Chipcap X7R 10% 16V 0402
C218	2320546	Top	L 4	27p 50V	Chipcap 5% NP0
C220	2320778	Top	L 1	10n 16V	Chipcap X7R 10% 16V 0402
C247	2320778	Top	M 7	10n 16V	Chipcap X7R 10% 16V 0402
C248	2320481	Top	K 7	1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C251	2320783	Top	K 8	33n 10V	CHIPCAP X7R 33N K 10V 0402
C253	2320783	Top	M 7	33n 10V	CHIPCAP X7R 33N K 10V 0402
C255	2320744	Top	N 8	1n0 50V	Chipcap X7R 10% 50V 0402

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C257	2320783	Top	M 8	33n	10V	CHIPCAP X7R 33N K 10V 0402
C258	2320783	Top	M 8	33n	10V	CHIPCAP X7R 33N K 10V 0402
C259	2320783	Top	M 7	33n	10V	CHIPCAP X7R 33N K 10V 0402
C261	2320744	Top	N 8	1n0	50V	Chipcap X7R 10% 50V 0402
C262	2320783	Top	M 7	33n	10V	CHIPCAP X7R 33N K 10V 0402
C263	2320783	Top	M 7	33n	10V	CHIPCAP X7R 33N K 10V 0402
C264	2320544	Top	M 6	22p	50V	Chipcap 5% NP0
C268	2320481	Top	M 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C270	2610207	Top	O 7	10u_6.3V	6.3V	CHIPTCAP 10U M 6V3 2.0X1.3X1.2
C274	2320544	Top	M 7	22p	50V	Chipcap 5% NP0
C276	2320481	Top	M 7	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C278	2320544	Top	N 7	22p	50V	Chipcap 5% NP0
C285	2320598	Top	R 3	3n9	50V	Chipcap 5% X7R
C286	2320598	Top	R 3	3n9	50V	Chipcap 5% X7R
C287	2320744	Top	R 2	1n0	50V	Chipcap X7R 10% 50V 0402
C291	2320546	Top	K 7	27p	50V	Chipcap 5% NP0
C292	2320546	Top	K 7	27p	50V	Chipcap 5% NP0
C293	2320544	Top	N 7	22p	50V	Chipcap 5% NP0
C294	2320744	Top	N 8	1n0	50V	Chipcap X7R 10% 50V 0402
C295	2320744	Top	N 7	1n0	50V	Chipcap X7R 10% 50V 0402
C296	2610207	Top	N 7	10u_6.3V	6.3V	CHIPTCAP 10U M 6V3 2.0X1.3X1.2
C297	2610207	Top	N 8	10u_6.3V	6.3V	CHIPTCAP 10U M 6V3 2.0X1.3X1.2
C310	2312401	Bottom	C 8	1u0	10V	CHIPCAP X5R 1U0 10V 0805
C330	2320481	Top	J 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C331	2320779	Top	I 5	100n	16V	CHIPCAP X7R 100N K 16V 0603
C342	2320560	Bottom	B 3	100p	50V	Chipcap 5% NP0
C371	2320564	Top	D 8	150p	50V	Chipcap 5% NP0
C372	2320564	Top	D 8	150p	50V	Chipcap 5% NP0
C373	2320564	Top	D 8	150p	50V	Chipcap 5% NP0
C400	2320481	Top	Q 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C401	2320805	Top	Q 7	100n	10V	CHIPCAP X5R 100N K 10V 0402
C405	2320544	Top	Q 7	22p	50V	Chipcap 5% NP0
C406	2320805	Top	P 7	100n	10V	CHIPCAP X5R 100N K 10V 0402
C510	2320135	Top	G 5	150n	10V	CHIPCAP X7R 150N K 10V 0603
C511	2320135	Top	H 6	150n	10V	CHIPCAP X7R 150N K 10V 0603
C512	2320135	Top	G 6	150n	10V	CHIPCAP X7R 150N K 10V 0603
C513	2320135	Top	G 6	150n	10V	CHIPCAP X7R 150N K 10V 0603
C520	2320485	Top	G 5	470p	50V	CHIPCAP NP0 470P J 50V 0603
C521	2320485	Top	H 5	470p	50V	CHIPCAP NP0 470P J 50V 0603
C522	2320485	Top	G 6	470p	50V	CHIPCAP NP0 470P J 50V 0603
C523	2320485	Top	G 6	470p	50V	CHIPCAP NP0 470P J 50V 0603
C530	2320631	Top	H 5	180p	25V	CHIPCAP NP0 180P J 25V 0402
C531	2320631	Top	H 5	180p	25V	CHIPCAP NP0 180P J 25V 0402
C532	2320781	Top	H 5	47n	16V	Chipcap X7R 47N M 16V 0603
C533	2320781	Top	H 4	47n	16V	Chipcap X7R 47N M 16V 0603
C534	2320783	Top	H 4	33n	10V	CHIPCAP X7R 33N K 10V 0402
C535	2320546	Top	H 4	27p	50V	Chipcap 5% NP0
C540	2320552	Top	H 5	47p	50V	Chipcap 5% NP0
C541	2320552	Top	H 4	47p	50V	Chipcap 5% NP0
C550	2320598	Top	G 3	3n9	50V	Chipcap 5% X7R
C557	2320554	Top	E 4	56p	50V	Chipcap 5% NP0
C560	2320548	Top	F 3	33p	50V	Chipcap 5% NP0
C561	2320620	Top	H 4	10n	16V	Chipcap X7R 5% 16V 0402
C562	2320546	Top	H 4	27p	50V	Chipcap 5% NP0
C564	2320783	Top	H 4	33n	10V	CHIPCAP X7R 33N K 10V 0402
C600	2320560	Top	F 5	100p	50V	Chipcap 5% NP0
C601	2320560	Top	F 5	100p	50V	Chipcap 5% NP0
C610	2320602	Top	C 7	4p7	50V	Chipcap +–0.25pF NP0
C611	2320584	Top	E 7	1n0	50V	Chipcap 5% X7R

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C612	2320556	Top	E 7 68p	50V	Chipcap 5% NP0
C613	2320556	Top	C 7 68p	50V	Chipcap 5% NP0
C614	2320556	Top	C 5 68p	50V	Chipcap 5% NP0
C615	2320560	Top	C 7 100p	50V	Chipcap 5% NP0
C620	2320805	Top	F 7 100n	10V	CHIPCAP X5R 100N K 10V 0402
C621	2320805	Top	F 7 100n	10V	CHIPCAP X5R 100N K 10V 0402
C630	2320530	Top	E 5 5p6	50V	Chipcap +–0.25pF NP0
C631	2320530	Top	F 5 5p6	50V	Chipcap +–0.25pF NP0
C640	2320516	Top	D 7 1p5	50V	Chipcap +–0.25pF NP0
C642	2320584	Top	F 8 1n0	50V	Chipcap 5% X7R
C643	2320540	Top	D 7 15p	50V	Chipcap 5% NP0
C644	2320530	Top	D 7 5p6	50V	Chipcap +–0.25pF NP0
C645	2320540	Top	C 5 15p	50V	Chipcap 5% NP0
C700	2320540	Top	B 7 15p	50V	Chipcap 5% NP0
C702	2320602	Top	A 4 4p7	50V	Chipcap +–0.25pF NP0
C703	2320532	Top	D 3 6p8	50V	Chipcap +–0.25pF NP0
C704	2320584	Top	D 3 1n0	50V	Chipcap 5% X7R
C714	2320783	Top	E 4 33n	10V	CHIPCAP X7R 33N K 10V 0402
C720	2320556	Top	A 5 68p	50V	Chipcap 5% NP0
C730	2320546	Top	C 5 27p	50V	Chipcap 5% NP0
C731	2320756	Top	E 5 3n3	50V	Chipcap X7R 10% 50V 0402
C733	2320546	Top	B 5 27p	50V	Chipcap 5% NP0
C741	2320540	Top	E 3 15p	50V	Chipcap 5% NP0
C743	2320538	Top	B 5 12p	50V	Chipcap 5% NP0
C746	2320548	Top	E 4 33p	50V	Chipcap 5% NP0
C747	2320540	Top	E 4 15p	50V	Chipcap 5% NP0
C749	2320584	Top	E 2 1n0	50V	Chipcap 5% X7R
C754	2320620	Top	A 4 10n	16V	Chipcap X7R 5% 16V 0402
C755	2320481	Top	D 3 1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C757	2320514	Top	C 1 1p2	50V	Chipcap +–0.25pF NP0
C758	2320584	Top	D 2 1n0	50V	Chipcap 5% X7R
C759	2320546	Top	E 2 27p	50V	Chipcap 5% NP0
C760	2320526	Top	C 2 3p9	50V	Chipcap +–0.25pF NP0
C761	2320536	Top	B 5 10p	50V	Chipcap 5% NP0
C762	2320536	Top	E 5 10p	50V	Chipcap 5% NP0
C776	2320540	Top	F 4 15p	50V	Chipcap 5% NP0
C782	2320524	Top	G 1 3p3	50V	Chipcap +–0.25pF NP0
C783	2312401	Top	G 2 1u0	10V	CHIPCAP X5R 1U0 10V 0805
C785	2320805	Top	F 1 100n	10V	CHIPCAP X5R 100N K 10V 0402
C789	2320518	Top	D 2 1p8	50V	Chipcap +–0.25pF NP0
C790	2320518	Top	D 2 1p8	50V	Chipcap +–0.25pF NP0
C792	2320560	Top	F 4 100p	50V	Chipcap 5% NP0
C793	2320540	Top	H 3 15p	50V	Chipcap 5% NP0
C799	2320526	Top	E 3 3p9	50V	Chipcap +–0.25pF NP0
C801	2320564	Top	J 2 150p	50V	Chipcap 5% NP0
C802	2312221	Top	J 2 4n7	25V	CHIPCAP NP0 4N7 J 25V 0805
C803	2320576	Top	J 2 470p	50V	Chipcap 5% X7R
C804	2320518	Top	H 2 1p8	50V	Chipcap +–0.25pF NP0
C805	2610203	Top	G 2 2u2_10V	10V	CHIPTCAP 2U2 M 10V 2.0X1.3X1.2
C829	2320560	Top	G 6 100p	50V	Chipcap 5% NP0
C830	2320560	Top	H 6 100p	50V	Chipcap 5% NP0
C831	2310793	Top	G 8 2u2	10V	CHIPCAP X5R 2U2 K 10V 0805
C832	2320620	Top	G 8 10n	16V	Chipcap X7R 5% 16V 0402
C833	2320584	Top	H 6 1n0	50V	Chipcap 5% X7R
C834	2320584	Top	F 7 1n0	50V	Chipcap 5% X7R
C835	2320540	Top	F 7 15p	50V	Chipcap 5% NP0
C836	2320544	Top	G 8 22p	50V	Chipcap 5% NP0
C837	2320526	Top	H 3 3p9	50V	Chipcap +–0.25pF NP0
C860	2320548	Top	F 2 33p	50V	Chipcap 5% NP0

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C861	2320621	Top	F 3	0p5	50V		CHIPCAP NP0 0P5 C 50V 0402
C862	2320520	Top	C 1	2p2	50V		Chipcap +–0.25pF NP0
C863	2320536	Top	D 1	10p	50V		Chipcap 5% NP0
C864	2320524	Top	D 1	3p3	50V		Chipcap +–0.25pF NP0
D200	4370687	Top	N 4	~	~		MAD2WD1 V16 F741541F C05 UBGA144
D210	4341189	Top	P 2	2MX16/256kX16			COMBOMEMORY 32M FLASH+4M SRAM CSP
F101	5119019	Top	Q 6	1.5A	~		SM FUSE F 1.5A 32V 0603
G101	4700131	Top	Q 4	3V3	~		CELL CAPACITOR 0.01MAH 3V3
G800	4350273	Top	I 2	3420–3840MHz	~		VCO 3420–3840MHZ 2.7V 20MA 9X7
G830	4510261	Top	H 7	26MHz	~		VCTCXO 26MHZ+–5PPM 2.7V GSM
L103	3203743	Top	E 3	42R/100MHz	~		FERR.BEAD 0R03 42R/100MHZ 3A 0805
L104	3203743	Top	Q 6	42R/100MHz	~		FERR.BEAD 0R03 42R/100MHZ 3A 0805
L271	3203709	Top	K 8	120R/100MHz	~		FERRITE BEAD 0.5R 120R/100MHZ 0402
L272	3203709	Top	K 7	120R/100MHz	~		FERRITE BEAD 0.5R 120R/100MHZ 0402
L283	3203741	Top	S 3	600R/100MHz	~		FERRITE BEAD 0R5 600R/100MHZ 0603
L284	3203741	Top	S 3	600R/100MHz	~		FERRITE BEAD 0R5 600R/100MHZ 0603
L287	3203709	Top	R 2	120R/100MHz	~		FERRITE BEAD 0.5R 120R/100MHZ 0402
L503	3646051	Top	C 2	3n9H	~		CHIP COIL 3N9 +–0N3 Q28/800M 0402
L504	3646063	Top	F 3	22nH	~		CHIP COIL 22N J Q28/800M 0402
L505	3646051	Top	F 3	3n9H	~		CHIP COIL 3N9 +–0N3 Q28/800M 0402
L506	3646053	Top	C 2	4n7H	~		CHIP COIL 4N7 +–0N3 Q28/800M 0402
L510	3646059	Top	B 7	5n6H	~		CHIP COIL 5N6 +–0N3 Q28/800M 0402
L553	4551021	Top	A 5	897.5/1747.5MHZ	~		DIR COUPLER 897.5/1747.5MHZ 2.1X1.3
L600	3646069	Top	F 5	33nH	~		CHIP COIL 33N J Q23/800M 0402
L631	3646065	Top	F 5	12nH	~		CHIP COIL 12N J Q31/800M 0402
L751	3203743	Top	D 3	42R/100MHz	~		FERR.BEAD 0R03 42R/100MHZ 3A 0805
L752	3645201	Top	D 3	56nH	~		CHIP COIL 56N J Q38/200MHZ 0603
L800	3645073	Top	F 8	10uH	~		CHIP COIL 10U 0.015A 1.15OHM 0805
M300	9854573	Top	R 2	~	~		PWB LIFTING PWB FOR VIBRA
N100	4370719	Top	J 4	~	~		CCONT2M WFD163MG64T/8 LFBGA8X8
N101	4370807	Top	O 6	~	~		CHAPS V3.1 TU01BALT BGA36
N220	4340413	Top	L 2	~	") (VOLT,"		TK11230BMC VOLT REG 3.0V SOT23L
N250	4370793	Top	L 7	~	~		COBBA_GJP V4.1 V257JG64T/8 BGA64
N310	4370433	Bottom	B 2	~	~		UISWITCH ASIC TSSOP20
N400	4860081	Top	Q 7	~	~		IRDA QSDL–M134#021 115.2KBPS 2V7
N401	4340335	Top	O 8	~	2.8V		TK11228AM REG 2.8V+–80MV 180MA SSO6
N505	4370781	Top	G 4	~	~		HAGAR 5 LFBGA80
N600	4340719	Top	F 2	~	") (VOLT,"		TK11247BMC VOLT REG 4.7V SOT23L
N702	4350203	Top	B 3	~	~		PW AMP 880–915/1710–1785MHZ 3.5V
R100	1430826	Top	K 5	680k	~		Resistor 5% 63mW
R101	1430145	Top	O 4	100k	~		Chipres 0W06 100k F 200ppm 0402
R102	1430796	Top	K 5	47k	~		Resistor 5% 63mW
R103	1430803	Top	O 4	4k7	~		CHIPRES 0W06 4K7 F 200PPM 0402
R104	1430796	Top	O 4	47k	~		Resistor 5% 63mW
R109	1620017	Top	O 7	2x100R	~		RES NETWORK 0W06 2X100R J 0404
R110	1430826	Top	L 6	680k	~		Resistor 5% 63mW
R111	1430820	Top	L 5	470k	~		Resistor 5% 63mW
R118	1430778	Top	K 2	10k	~		Resistor 5% 63mW
R120	1620025	Top	L 6	2x100k	~		Chipres Array 0W06 J 0404
R122	1620019	Top	M 5	2x10k	~		RES NETWORK 0W06 2X10K J 0404
R124	1430726	Top	P 5	100R	~		Resistor 5% 63mW
R125	1430726	Top	P 5	100R	~		Resistor 5% 63mW
R128	1430718	Top	K 4	47R	~		Resistor 5% 63mW
R131	1419003	Top	P 6	0R22	~		CHIPRES 0W5 0R22 J 1210
R154	1430325	Top	K 4	2M2	~		CHIPRES 0W06 2M2 J 0603
R201	1430812	Top	N 5	220k	~		Resistor 5% 63mW
R202	1430145	Top	L 4	100k	~		Chipres 0W06 100k F 200ppm 0402
R203	1430803	Top	M 5	4k7	~		CHIPRES 0W06 4K7 F 200PPM 0402
R205	1430690	Top	L 5	0R	~		Chipres 0W06 jumper 0402

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R206	1430690	Top	I 3	0R	~	Chipres 0W06 jumper 0402
R211	1430778	Top	O 2	10k	~	Resistor 5% 63mW
R212	1430690	Top	N 2	0R	~	Chipres 0W06 jumper 0402
R213	1430800	Top	M 1	68k	~	Resistor 5% 63mW
R214	1430796	Top	M 1	47k	~	Resistor 5% 63mW
R215	1430796	Top	N 5	47k	~	Resistor 5% 63mW
R216	1430796	Top	M 5	47k	~	Resistor 5% 63mW
R217	1430690	Top	L 3	0R	~	Chipres 0W06 jumper 0402
R252	1430754	Top	N 7	1k0	~	Resistor 5% 63mW
R256	1430718	Top	N 8	47R	~	Resistor 5% 63mW
R257	1430718	Top	M 8	47R	~	Resistor 5% 63mW
R258	1430744	Top	N 6	470R	~	Resistor 5% 63mW
R260	1430726	Top	N 7	100R	~	Resistor 5% 63mW
R261	1430744	Top	M 7	470R	~	Resistor 5% 63mW
R265	1430145	Top	M 7	100k	~	Chipres 0W06 100k F 200ppm 0402
R266	1430806	Top	M 7	120k	~	Resistor 5% 63mW
R267	1430762	Top	N 7	2k2	~	Resistor 5% 63mW
R268	1430744	Top	N 7	470R	~	Resistor 5% 63mW
R269	1620025	Top	J 8	2x100k	~	RES NETWORK 0W06 2X100K J 0404
R270	1430792	Top	P 8	33k	~	Resistor 5% 63mW
R271	1430145	Top	M 6	100k	~	Chipres 0W06 100k F 200ppm 0402
R272	1430145	Top	N 6	100k	~	Chipres 0W06 100k F 200ppm 0402
R273	1430792	Top	N 7	33k	~	Resistor 5% 63mW
R274	1430812	Top	N 7	220k	~	Resistor 5% 63mW
R275	1430762	Top	M 8	2k2	~	Resistor 5% 63mW
R276	1430762	Top	M 7	2k2	~	Resistor 5% 63mW
R277	1430145	Top	N 6	100k	~	Chipres 0W06 100k F 200ppm 0402
R278	1430762	Top	O 3	2k2	~	Resistor 5% 63mW
R281	1620017	Top	R 3	2x100R	~	RES NETWORK 0W06 2X100R J 0404
R283	1825021	Top	S 3	14V/46V	~	CHIP VARISTOR VWM14V CV46V 0402
R284	1825021	Top	S 3	14V/46V	~	CHIP VARISTOR VWM14V CV46V 0402
R285	1825021	Top	R 3	14V/46V	~	CHIP VARISTOR VWM14V CV46V 0402
R286	1825021	Top	R 3	14V/46V	~	CHIP VARISTOR VWM14V CV46V 0402
R287	1825021	Top	R 2	14V/46V	~	CHIP VARISTOR VWM14V CV46V 0402
R310	1430780	Bottom	C 2	12k	~	Resistor 5% 63mW
R311	1430778	Bottom	C 2	10k	~	Resistor 5% 63mW
R350	1430389	Bottom	D 2	18R	~	CHIPRES 0W1 18R J 0603
R351	1430389	Bottom	D 2	18R	~	CHIPRES 0W1 18R J 0603
R352	1430389	Bottom	D 2	18R	~	CHIPRES 0W1 18R J 0603
R353	1430389	Bottom	D 2	18R	~	CHIPRES 0W1 18R J 0603
R371	1430754	Top	D 8	1k0	~	Resistor 5% 63mW
R372	1430754	Top	D 8	1k0	~	Resistor 5% 63mW
R373	1430754	Top	D 8	1k0	~	Resistor 5% 63mW
R374	1430754	Top	K 2	1k0	~	Resistor 5% 63mW
R403	1430702	Top	P 8	12R	~	Resistor 5% 63mW
R404	1430702	Top	P 8	12R	~	Resistor 5% 63mW
R510	1620063	Top	G 5	4x100R	~	RES NETWORK 0W06 4X100K J 0804
R530	1620019	Top	H 5	2x10k	~	RES NETWORK 0W06 2X10K J 0404
R532	1430846	Top	E 4	2k7	~	Resistor 1% 63mW
R533	1430778	Top	H 4	10k	~	Resistor 5% 63mW
R541	1620033	Top	H 4	2x5k6	~	RES NETWORK 0W06 2X5K6 J 0404
R546	1620033	Top	H 5	2x5k6	~	RES NETWORK 0W06 2X5K6 J 0404
R563	1430187	Top	H 4	47k	~	Chipres 0W06 47k F 200ppm 0402
R564	1430746	Top	H 4	560R	~	Resistor 5% 63mW
R565	1430803	Top	H 4	4k7	~	CHIPRES 0W06 4K7 F 200PPM 0402
R610	1430726	Top	C 7	100R	~	Resistor 5% 63mW
R611	1430846	Top	B 7	2k7	~	Resistor 1% 63mW
R613	1430764	Top	C 7	3k3	~	Resistor 5% 63mW
R614	1620017	Top	E 7	2x100R	~	RES NETWORK 0W06 2X100R J 0404

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R640	1430732	Top	D 7	180R	~	Resistor 5% 63mW
R643	1430764	Top	D 7	3k3	~	Resistor 5% 63mW
R645	1430846	Top	D 7	2k7	~	Resistor 1% 63mW
R670	1430730	Top	E 4	150R	~	Resistor 5% 63mW
R671	1430730	Top	F 4	150R	~	Resistor 5% 63mW
R700	1430726	Top	F 3	100R	~	Resistor 5% 63mW
R704	1430726	Top	E 3	100R	~	Resistor 5% 63mW
R710	1430702	Top	D 2	12R	~	Resistor 5% 63mW
R711	1430734	Top	F 2	220R	~	Resistor 5% 63mW
R712	1430702	Top	F 2	12R	~	Resistor 5% 63mW
R723	1620505	Top	C 1	436R/11R6/436R		RES NETWORK 0W04 2DB ATT 0404
R730	1430762	Top	E 5	2k2	~	Resistor 5% 63mW
R731	1430740	Top	C 5	330R	~	Resistor 5% 63mW
R732	1430746	Top	C 5	560R	~	Resistor 5% 63mW
R740	1430726	Top	F 3	100R	~	Resistor 5% 63mW
R741	1430726	Top	F 3	100R	~	Resistor 5% 63mW
R742	1430726	Top	E 3	100R	~	Resistor 5% 63mW
R744	1430726	Top	E 4	100R	~	Resistor 5% 63mW
R751	1430734	Top	D 2	220R	~	Resistor 5% 63mW
R754	1430718	Top	B 5	47R	~	Resistor 5% 63mW
R755	1430714	Top	D 2	33R	~	Resistor 5% 63mW
R756	1430754	Top	D 2	1k0	~	Resistor 5% 63mW
R757	1430754	Top	D 2	1k0	~	Resistor 5% 63mW
R758	1430710	Top	E 1	22R	~	Resistor 5% 63mW
R763	1430740	Top	E 5	330R	~	Resistor 5% 63mW
R764	1430758	Top	E 5	1k5	~	Resistor 5% 63mW
R781	1430690	Top	G 1	0R	~	Chipres 0W06 jumper 0402
R790	1430121	Top	E 4	22k	~	Chipres 0W06 22k F 200ppm 0402
R791	1430865	Top	E 4	5k6	~	CHIPRES 0W06 5K6 F 0402
R792	1430848	Top	F 4	12k	~	Resistor 1% 63mW
R800	1430778	Top	H 3	10k	~	Resistor 5% 63mW
R801	1430841	Top	J 2	6k8	~	Chipres 0W06 6k8 F 0402
R802	1430770	Top	J 2	4k7	~	Resistor 5% 63mW
R805	1620505	Top	G 2	436R/11R6/436R		RES NETWORK 0W04 2DB ATT 0404
R807	1430728	Top	G 1	120R	~	Resistor 5% 63mW
R829	1430752	Top	G 6	820R	~	Resistor 5% 63mW
R830	1430762	Top	G 7	2k2	~	Resistor 5% 63mW
R831	1430718	Top	G 7	47R	~	Resistor 5% 63mW
R832	1430788	Top	G 8	22k	~	Resistor 5% 63mW
R833	1430762	Top	H 6	2k2	~	Resistor 5% 63mW
R834	1430812	Top	G 7	220k	~	Resistor 5% 63mW
S300	5200025	Top	C 8	~	~	SM TACT SW SIDE TRAVEL 0.2MM
S301	5200025	Top	E 8	~	~	SM TACT SW SIDE TRAVEL 0.2MM
S330	5209001	Bottom	A 2	~	~	SM SW TACT SPST 12V 50MA SIDE KEY
T600	4550129	Top	F 6	~	~	BALUN TRANS 900MHZ+/–100MHZ 1206
T630	4550139	Top	E 5	~	~	TRANSF BALUN 1.8GHZ+–100MHZ 1206
T700	4550129	Top	F 2	~	~	BALUN TRANS 900MHZ+/–100MHZ 1206
T740	4550139	Top	E 3	~	~	TRANSF BALUN 1.8GHZ+–100MHZ 1206
T800	3640423	Top	G 2	~	~	BALUN TRANS 3.7GHZ+/–300MHZ 0805
V100	1825023	Top	Q 6	9V/20V/0.1J		CHIP VARISTOR VWM9V VC20V 0805
V101	4210049	Top	M 6	~	~	TR PDTC114EE N 50V RB=RBE=10K EM3
V104	4113669	Top	O 4	~	~	ZDIX4 TVS/ESD RSA6.1EN 6V1 SOT353
V116	4110441	Top	K 3	~	~	SCH DI STPS0520Z 20V 0.5A SOD123
V201	4210049	Top	M 1	~	~	TR PDTC114EE N 50V RB=RBE=10K EM3
V202	4110089	Top	N 1	~	~	DIX2 BAV70W CC 70V .5A 4NS SOT323
V250	4210100	Top	M 6	~	~	Tr NPN 30V 100mA 100MHz SOT323
V251	4210100	Top	N 7	~	~	Tr NPN 30V 100mA 100MHz SOT323
V252	4210049	Top	N 6	~	~	TR PDTC114EE N 50V RB=RBE=10K EM3
V278	4110089	Top	P 3	~	~	DIX2 BAV70W CC 70V .5A 4NS SOT323

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V321	4864601	Bottom	J	5	~	~	LED CL270PSO14 ORANGE >35MCD 0603
V323	4864601	Bottom	J	7	~	~	LED CL270PSO14 ORANGE >35MCD 0603
V325	4864601	Bottom	J	2	~	~	LED CL270PSO14 ORANGE >35MCD 0603
V331	4864651	Bottom	R	5	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V332	4864651	Bottom	O	6	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V334	4864651	Bottom	R	4	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V335	4864651	Bottom	O	3	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V337	4864651	Bottom	M	6	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V338	4864651	Bottom	M	4	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V339	4864651	Bottom	Q	4	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V340	4864651	Bottom	Q	5	~	~	LED CL191PSO14 ORANGE >25MCD 0603
V350	4110089	Top	L	2	~	~	DIX2 BAV70W CC 70V .5A 4NS SOT323
V360	4110089	Top	K	2	~	~	DIX2 BAV70W CC 70V .5A 4NS SOT323
V730	4115881	Top	C	5	~	~	SCHDIX2 NSR15DW1 <2PF SOT343/363
V800	4210100	Top	F	6	~	~	Tr NPN 30V 100mA 100MHz SOT323
V801	4210183	Top	D	1	~	~	TR BFP193W N 8GHZ F1.3–2.1 SOT343
V903	4210015	Top	D	7	~	~	TR NPN 15V 12MA 23GHZ SOT343
V904	4210074	Top	C	7	~	~	TR N 4.5V 35mA 20GHz SOT343
V905	4210100	Top	F	7	~	~	Tr NPN 30V 100mA 100MHz SOT323
V907	4210100	Top	E	7	~	~	Tr NPN 30V 100mA 100MHz SOT323
X300	5409183	Bottom	H	5	~	~	SM LCD CONN 1X8 P2.0 SPR 50V 0.5A
Z600	4511149	Top	E	6	925–960/1805–1880MHz		DUAL SAW FILT 925–960/1805–1880MHZ
Z620	4511149	Top	C	6	925–960/1805–1880MHz		DUAL SAW FILT 925–960/1805–1880MHZ
Z670	4550201	Top	B	6	880–960/1710–1880MHz		DIPL+2*SW 880–960/1710–1880MHZ 7X5
Z671	4550067	Top	D	2	880–960/1710–1880MHz		DIPL 880–960/1710–1880MHZ 3.2X2.5
Z700	4511147	Top	E	2	897.5MHz	~	SAW FILT 897.5+–17.5MHZ/3DB 3X3

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